

*Wigzell cont.*

## 6. Charges for telecommunications service:

Is there a monthly charge? No ☐ Yes ☒

If yes, how much is the charge?

*\$1,499*Is there a usage-based charge? No ☒ Yes ☐

If yes, how much is the charge?

Is there a distance component (such as a per-mile fee) of the charge? No ☐ Yes ☒

If yes, how much is the charge?

*\$14.99 /mile (3yr contract)*  
*otherwise \$17.00 /mile*Was there an installation fee? No ☐ Yes ☒

If yes, how much was the charge?

*\$1,200*Is the charge the regular tarrified rate, or is there a discount from the telecommunications provider? Tarrified ☒ Discount ☐

If there is a discount, how much is it?

7. How does the project use telecommunications in the delivery of health care? (For example -- to send x-rays, distribute public health information, or perform video consultations. Please identify any occasional or episodic uses, such as might result from an outbreak of disease.)

*Same as barrison, ND*

**Questions to Address:**

1. Name of project:

St. Alexius TeleCare Network, Bismarck, ND

2. Please list each of the project's sites:

Name of Site:

State in which it is located:

St. Vincent's Care Center-BismarckNorth Dakota

Please answer the following questions for each of your sites.  
Use additional sheets if necessary.

3. What is the nearest city of population equal to or greater than 50,00 in your state, and approximately how far are you from its boundary?

City: Bismarck, ND Distance from city boundary: 0

4. Name of the project's telecommunications service provider:

US West

5. Level of telecommunications service the project is currently using: (For example, voice grade, 144 Kbps (ISDN), 384 Kbps, T-1 or equivalent)

T-1 for interactive video network

Harvey cont.

6. Charges for telecommunications service:

Is there a monthly charge? No ☐ Yes ☒

If yes, how much is the charge?

\$1,620

Is there a usage-based charge? No ☒ Yes ☐

If yes, how much is the charge?

Is there a distance component (such as a per-mile fee) of the charge? No ☐ Yes ☒

If yes, how much is the charge?

\$17.00 per mile

Was there an installation fee? No ☐ Yes ☐

If yes, how much was the charge?

\$1200

Is the charge the regular tarrified rate, or is there a discount from the telecommunications provider? Tarrified ☐ Discount ☐

If there is a discount, how much is it?

7. How does the project use telecommunications in the delivery of health care? (For example -- to send x-rays, distribute public health information, or perform video consultations. Please identify any occasional or episodic uses, such as might result from an outbreak of disease.)

Same as Garrison, ND

**Questions to Address:**

1. Name of project:

St. Alexius TeleCare Network, Bismarck, ND

2. Please list each of the project's sites:

Name of Site:

State in which it is located:

Missouri Slope Lutheran  
Care Center- BismarckNorth Dakota

Please answer the following questions for each of your sites.  
Use additional sheets if necessary.

3. What is the nearest city of population equal to or greater than 50,00 in your state, and approximately how far are you from its boundary?

City: Bismarck, ND Distance from city boundary: 0

4. Name of the project's telecommunications service provider:

US West

5. Level of telecommunications service the project is currently using: (For example, voice grade, 144 Kbps (ISDN), 384 Kbps, T-1 or equivalent)

T-1 for interactive video network

St. Vincent's cont.

6. Charges for telecommunications service:

Is there a monthly charge? No ☐ Yes ☒

If yes, how much is the charge? \$254

Is there a usage-based charge? No ☒ Yes ☐

If yes, how much is the charge? \_\_\_\_\_

Is there a distance component (such as a per-mile fee) of the charge? No ☒ Yes ☐

If yes, how much is the charge? \_\_\_\_\_

Was there an installation fee? No ☐ Yes ☒

If yes, how much was the charge? \$1,200

Is the charge the regular tariffed rate, or is there a discount from the telecommunications provider? Tariffed ☒ Discount ☐

If there is a discount, how much is it? \_\_\_\_\_

7. How does the project use telecommunications in the delivery of health care? (For example -- to send x-rays, distribute public health information, or perform video consultations. Please identify any occasional or episodic uses, such as might result from an outbreak of disease.)

Consultation with primary physicians or  
specialists, mental health services, hospice  
care conferences, respiratory therapy evaluations

**Questions to Address:**

1. Name of project:

St. Alexius Telecare Network, Bismarck, ND

2. Please list each of the project's sites:

Name of Site:

State in which it is located:

Baptist Home, Inc. - BismarckNorth Dakota

Please answer the following questions for each of your sites.  
Use additional sheets if necessary.

3. What is the nearest city of population equal to or greater than 50,00 in your state, and approximately how far are you from its boundary?

city: Bismarck ND Distance from city boundary: 0

4. Name of the project's telecommunications service provider:

US West

5. Level of telecommunications service the project is currently using: (For example, voice grade, 144 Kbps (ISDN), 384 Kbps, T-1 or equivalent)

T-1 for interactive video network

Missouri Glope cont.

6. Charges for telecommunications service:

Is there a monthly charge? No ☐ Yes ☒

If yes, how much is the charge? \$254

Is there a usage-based charge? No ☒ Yes ☐

If yes, how much is the charge? \_\_\_\_\_

Is there a distance component (such as a per-mile fee) of the charge? No ☒ Yes ☐

If yes, how much is the charge? \_\_\_\_\_

Was there an installation fee? No ☐ Yes ☒

If yes, how much was the charge? \$1,700

Is the charge the regular tarrified rate, or is there a discount from the telecommunications provider? Tarrified ☒ Discount ☐

If there is a discount, how much is it? \_\_\_\_\_

7. How does the project use telecommunications in the delivery of health care? (For example -- to send x-rays, distribute public health information, or perform video consultations. Please identify any occasional or episodic uses, such as might result from an outbreak of disease.)

Consultations with primary physicians and  
specialists, mental health services, hospice  
care conferences.

**Questions to Address:**

1. Name of project:

St. Alexius TeleCare Network, Bismarck, ND

2. Please list each of the project's sites:

Name of Site:

State in which it is located:

McLaughlin West River ClinicSouth Dakota

Please answer the following questions for each of your sites.  
Use additional sheets if necessary.

3. What is the nearest city of population equal to or greater than 50,00 in your state, and approximately how far are you from its boundary?

city: Bismarck, ND Distance from city boundary: 82 miles

4. Name of the project's telecommunications service provider:

West River Telecommun. Coop.

5. Level of telecommunications service the project is currently using: (For example, voice grade, 144 Kbps (ISDN), 384 Kbps, T-1 or equivalent)

T-1 for interactive video network, voice grade for the  
Internal EKG Management Program



*Baptist Home cont.*

6. Charges for telecommunications service:

Is there a monthly charge? No ☐ Yes ☒ *\$254*  
If yes, how much is the charge? \_\_\_\_\_

Is there a usage-based charge? No ☒ Yes ☐  
If yes, how much is the charge? \_\_\_\_\_

Is there a distance component (such as a per-mile fee) of the charge? No ☒ Yes ☐  
If yes, how much is the charge? \_\_\_\_\_

Was there an installation fee? No ☐ Yes ☒ *\$1,200*  
If yes, how much was the charge? \_\_\_\_\_

Is the charge the regular tariffed rate, or is there a discount from the telecommunications provider? Tariffed ☒ Discount ☐  
If there is a discount, how much is it? \_\_\_\_\_

7. How does the project use telecommunications in the delivery of health care? (For example -- to send x-rays, distribute public health information, or perform video consultations. Please identify any occasional or episodic uses, such as might result from an outbreak of disease.)

*Same as Missouri Slope*

**Questions to Address:**

1. Name of project:

St. Alexius TeleCare Network, Bismarck, ND

2. Please list each of the project's sites:

Name of Site: State in which it is located:

Moabridge Regional Hospital South Dakota

Please answer the following questions for each of your sites.  
Use additional sheets if necessary.

3. What is the nearest city of population equal to or greater than 50,00 in your state, and approximately how far are you from its boundary?

City: Bismarck, ND Distance from city boundary: 121 miles

4. Name of the project's telecommunications service provider:

US West

5. Level of telecommunications service the project is currently using: (For example, voice grade, 144 Kbps (ISDN), 384 Kbps, T-1 or equivalent)

T-1 for Interactive Video Network, voice grade for the EEO management Network.

McLaughlin cont.

6. Charges for telecommunications service:

Is there a monthly charge? No ☐ Yes ☒ \$13.79  
If yes, how much is the charge? \_\_\_\_\_

Is there a usage-based charge? No ☒ Yes ☐  
If yes, how much is the charge? \_\_\_\_\_

Is there a distance component (such as a per-mile fee) of the charge? No ☐ Yes ☒

If yes, how much is the charge? part of the way \$14.99 then \$11.62/month  
(36 month contracts)

Was there an installation fee? No ☐ Yes ☒ \$1,200  
If yes, how much was the charge? \_\_\_\_\_

Is the charge the regular tariffed rate, or is there a discount from the telecommunications provider? Tariffed ☒ Discount ☐  
If there is a discount, how much is it? \_\_\_\_\_

7. How does the project use telecommunications in the delivery of health care? (For example -- to send x-rays, distribute public health information, or perform video consultations. Please identify any occasional or episodic uses, such as might result from an outbreak of disease.)

Same as Garrison, ND

**Questions to Address:**

1. Name of project:

St. Alexis TeleCare Network, Bismarck, ND

2. Please list each of the project's sites:

Name of Site:

Isabel Clinic

State in which it is located:

South Dakota

Please answer the following questions for each of your sites.  
Use additional sheets if necessary.

3. What is the nearest city of population equal to or greater than 50,00 in your state, and approximately how far are you from its boundary?

city: Bismarck, ND Distance from city boundary: 136 miles

4. Name of the project's telecommunications service provider:

Cheyenne River Telephone Co.

5. Level of telecommunications service the project is currently using: (For example, voice grade, 144 Kbps (ISDN), 384 Kbps, T-1 or equivalent)

T-1 for interactive video network

*Mobridge cont.*

6. Charges for telecommunications service:

Is there a monthly charge? No ☐ Yes ☒

If yes, how much is the charge? \$671

Is there a usage-based charge? No ☒ Yes ☐

If yes, how much is the charge? \_\_\_\_\_

Is there a distance component (such as a per-mile fee) of the charge? No ☐ Yes ☒

If yes, how much is the charge? \$14.99/mile

Was there an installation fee? No ☐ Yes ☒

If yes, how much was the charge? \$313

Is the charge the regular tariffed rate, or is there a discount from the telecommunications provider? Tariffed ☒ Discount ☐

If there is a discount, how much is it? \_\_\_\_\_

7. How does the project use telecommunications in the delivery of health care? (For example -- to send x-rays, distribute public health information, or perform video consultations. Please identify any occasional or episodic uses, such as might result from an outbreak of disease.)

Same as Garrison, ND plus Electroencephalogram  
transmissions

E.B. IHS cont.

**Questions to Address:**

1. Name of project:

St. Alexis TeleCare Network, Bismarck, ND

2. Please list each of the project's sites:

Name of Site:

State in which it is located:

Eagle Butte Indian Health  
HospitalSouth Dakota

Please answer the following questions for each of your sites.  
Use additional sheets if necessary.

3. What is the nearest city of population equal to or greater than 50,00 in your state, and approximately how far are you from its boundary?

City: Bismarck, ND Distance from city boundary: 174 miles  
Rapid City also 175 miles away

4. Name of the project's telecommunications service provider:

Cheyenne River Telephone Coop.

5. Level of telecommunications service the project is currently using: (For example, voice grade, 144 Kbps (ISDN), 384 Kbps, T-1 or equivalent)

T-1 for interactive video network

*Isabel cont.*

## 6. Charges for telecommunications service:

Is there a monthly charge? No ☐ Yes ☒ \$ 1387  
If yes, how much is the charge? \_\_\_\_\_

Is there a usage-based charge? No ☒ Yes ☐  
If yes, how much is the charge? \_\_\_\_\_

Is there a distance component (such as a per-mile fee) of the charge? No ☐ Yes ☒  
If yes, how much is the charge? \$ 19.46 / mile

Was there an installation fee? No ☐ Yes ☒ \$ 313  
If yes, how much was the charge? \_\_\_\_\_

Is the charge the regular tariffed rate, or is there a discount from the telecommunications provider? Tariffed ☒ Discount ☐  
If there is a discount, how much is it? \_\_\_\_\_

7. How does the project use telecommunications in the delivery of health care? (For example -- to send x-rays, distribute public health information, or perform video consultations. Please identify any occasional or episodic uses, such as might result from an outbreak of disease.)

*Same as Garrison, ND*

*Eagle Butte Family Clinic cont.***Questions to Address:**

1. Name of project:

St. Alexius TeleCare Network, Bismarck, ND

2. Please list each of the project's sites:

Name of Site:

State in which it is located:

Eagle Butte Family Health ClinicSouth Dakota

Please answer the following questions for each of your sites.  
Use additional sheets if necessary.

3. What is the nearest city of population equal to or greater than 50,00 in your state, and approximately how far are you from its boundary?

City: Bismarck, ND Distance from city boundary: 174 miles  
Rapid City (also 174 miles)

4. Name of the project's telecommunications service provider:

Cheyenne River Telephone Coop.

5. Level of telecommunications service the project is currently using: (For example, voice grade, 144 Kbps (ISDN), 384 Kbps, T-1 or equivalent)

T-1 for interactive video network,



## 6. Charges for telecommunications service:

Is there a monthly charge? No ☐ Yes ☒

If yes, how much is the charge?

estimate \$351/monthIs there a usage-based charge? No ☒ Yes ☐

If yes, how much is the charge?

Is there a distance component (such as a per-mile fee) of the charge? No ☐ Yes ☒

If yes, how much is the charge?

19.46/mileWas there an installation fee? No ☐ Yes ☒

If yes, how much was the charge?

\$232Is the charge the regular tarrified rate, or is there a discount from the telecommunications provider? Tarrified ☒ Discount ☐

If there is a discount, how much is it?

7. How does the project use telecommunications in the delivery of health care? (For example -- to send x-rays, distribute public health information, or perform video consultations. Please identify any occasional or episodic uses, such as might result from an outbreak of disease.)

Same as Garrison, NDwith an emphasis on mental health services,  
cardiology and dietary consultations

## 6. Charges for telecommunications service:

Is there a monthly charge? No ☐ Yes ☒.

If yes, how much is the charge?

\$ 352 / month

Is there a usage-based charge? No ☒ Yes ☐

If yes, how much is the charge?

Is there a distance component (such as a per-mile fee) of the charge? No ☐ Yes ☐

If yes, how much is the charge?

\$19.46 mile

Was there an installation fee? No ☐ Yes ☒

If yes, how much was the charge?

\$232

Is the charge the regular tarrified rate, or is there a discount from the telecommunications provider? Tarrified ☒ Discount ☐

If there is a discount, how much is it?

7. How does the project use telecommunications in the delivery of health care? (For example -- to send x-rays, distribute public health information, or perform video consultations. Please identify any occasional or episodic uses, such as might result from an outbreak of disease.)

Same as barrison, ND

\* The answers to questions 8 & 9 pertain to the entire TeleCare network and its members.

8. Could the project provide the services it is currently providing with less bandwidth? What effect would a lesser level of bandwidth have? (The implications of using greater or lesser levels of telecommunications services are related to image transmission time. What would be the impact if the health care activities for which you now use telecommunications took twice as long, or if they could be completed in half the time?)

Not really, the slower transmission time greatly decreases the quality of the picture, resolution of the images is impaired. It is vital for many consultations to have full motion video interaction in order for the consulting specialist to assess the patient in an identical manner as in person.

9. What would the implications of having a greater level of bandwidth be?

This would increase the transmission rate and provide greater flexibility of offering ~~to~~ simultaneous consultations. Grand rounds education to multiple sites simultaneously.

10. Do you have e-mail? No ☒ Yes ☒

11. Do you have Internet access? No ☐ Yes ☒

If yes, do you incur long-distance charges by using it?

No ☐ Yes ☒ *Some telecare network members have a long distance*

Please estimate your number of hours of Internet use per month: *Per,*

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12. If you have access to the Internet, please list any purposes other than e-mail (such as accessing databases such as Lexis/Nexis) for which you use it:

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Wishek Community Hospital  
St. Luke's - Tri State Hospital - Bowman  
Standing Rock Hospital - Fort Yates

DATE: 12-10-96 TIME: early in AM PAGES: 5

PLEASE DELIVER TO:

NAME: David Nickelson

COMPANY: \_\_\_\_\_

FAX #: 202-224-7776 PHONE #: \_\_\_\_\_

SENT BY:

Carla A. Anderson, Telemedicine Coordinator  
Medcenter One Health Systems  
Telemedicine Department

*Carla -*

FAX: (701)221-5620

PHONE: (701)221-5616

REGARDING: \_\_\_\_\_

MESSAGE: my Speedy reply is  
enclosed.

**MEDCENTER ONE HEALTH SYSTEMS**

Dakota Telemedicine System  
P.O. Box 5525 - 300 North 7<sup>th</sup> Street  
Bismarck, ND 58506-5525

1. Name of project:

Dakota Telemedicine System  
Medcenter One Health System

2. Please list each of the project's sites:

Name of Site:

State in which it is located:

<u>Fort Yates</u>	<u>ND</u>
<u>Bowman</u>	<u>ND</u>
<u>Linton</u>	<u>ND</u>
<u>Wishell</u>	<u>ND</u>

Please answer the following questions for each of your sites.  
Use additional sheets if necessary.

3. What is the nearest city of population equal to or greater than 50,00 in your state, and approximately how far are you from its boundary?

Fort Yates - 65

Linton - 60

Bowman - 180

Wishell 90

city: Bismarck Distance from city boundary: \_\_\_\_\_

4. Name of the project's telecommunications service provider:

US West & AT & AT  
BEK Consolidated

5. Level of telecommunications service the project is currently using: (For example, voice grade, 144 Kbps (ISDN), 384 Kbps, T-1 or equivalent)

Dedicated T1

6. Charges for telecommunications service: ~~for~~ <sup>for</sup> ~~you~~ <sup>you</sup> ~~in~~ <sup>in</sup> ~~the~~ <sup>the</sup> ~~area~~ <sup>area</sup>  
Is there a monthly charge? No ☐ Yes ☒ Linton 988 /mo  
If yes, how much is the charge? Winwell 1370 /mo

Is there a usage-based charge? No ☒ Yes ☐  
If yes, how much is the charge? \_\_\_\_\_

Is there a distance component (such as a per-mile fee) of the charge? No ☒ Yes ☐  
If yes, how much is the charge? \_\_\_\_\_

Was there an installation fee? No ☐ Yes ☒ 676.00 per site  
If yes, how much was the charge? \_\_\_\_\_

Is the charge the regular tariffed rate, or is there a discount from the telecommunications provider? Tariffed ☒ Discount ☐  
If there is a discount, how much is it? \_\_\_\_\_

7. How does the project use telecommunications in the delivery of health care? (For example -- to send x-rays, distribute public health information, or perform video consultations. Please identify any occasional or episodic uses, such as might result from an outbreak of disease.)

Specialty consultation - all specialties  
x-ray  
education -  
administrative  
emergency & trauma

\* have performed over 450 consultations  
to date. This is just the medical consultations

8. Could the project provide the services it is currently providing with less bandwidth? What effect would a lesser level of bandwidth have? (The implications of using greater or lesser levels of telecommunications services are related to image transmission time. What would the be the impact if the health care activities for which you now use telecommunications took twice as long, or if they could be completed in half the time?)

medical consultations - NO less than 3/4 of TI  
Should be used

Administrative  
Continuing education > yes - could drop to  
1/4 to 1/2 TI if we  
have communication  
capabilities with the  
campus

9. What would the implications of having a greater level of bandwidth be?

NONE - <sup>the</sup> better resolution, the better  
the utilization of telemedicine.



11. Do you have Internet access? No ☐ Yes ☒

If yes, do you incur long-distance charges by using it?

No ☐ Yes ☒

Please estimate your number of hours of Internet use per month:

\$25/month

12. If you have access to the Internet, please list any purposes other than e-mail (such as accessing databases such as Lexis/Nexis) for which you use it:

Access to grant proposals, medical information.